

# (12) International Application Status Report

**Received at International Bureau:** 13 July 2018 (13.07.2018)

**Information valid as of:** 16 July 2018 (16.07.2018)

**Report generated on:** 27 March 2019 (27.03.2019)

**(10) Publication number:**

WO2019/005987

**(43) Publication date:**

03 January 2019 (03.01.2019)

**(26) Publication language:**

English (EN)

**(21) Application Number:**

PCT/US2018/039784

**(22) Filing Date:**

27 June 2018 (27.06.2018)

**(25) Filing language:**

English (EN)

**(31) Priority number(s):**

62/525,258 (US)

**(31) Priority date(s):**

27 June 2017 (27.06.2017)

**(31) Priority status:**

Priority document received (in compliance with PCT Rule 17.1)

**(51) International Patent Classification:**

*C09D 11/102* (2014.01); *C09D 11/107* (2014.01); *C09D 11/322* (2014.01); *C09D 11/38* (2014.01)

**(71) Applicant(s):**

CORNING INCORPORATED [US/US]; 1 Riverfront Plaza Corning, New York 14831 (US) *(for all designated states)*

**(72) Inventor(s):**

CHEN, Wen, Zheng; No. 38, Chongshan 5th Street East District Tainan, 701 (TW)

HUANG, Guan, Hao; No. 60, Aly. 7, Ln. 601, Sec. 1, Kaisyuan Rd. Gueiren Tainan, 71151 (TW)

HUANG, Ruei-ming; 10F, No. 1, Yuanyuan St. Kaohsiung City Sanmin, 807 (TW)

**(74) Agent(s):**

HARAN, John, T.; Intellectual Property Department SP-TI-3-1 Corning, New York 14831 (US)

**(54) Title (EN):** WHITE INKJET INK COMPOSITION, INK COATING METHOD, AND COATED ARTICLE

**(54) Title (FR):** COMPOSITION D'ENCRE POUR JET D'ENCRE BLANCHE, PROCÉDÉ DE REVÊTEMENT AVEC DE L'ENCRE ET ARTICLE REVÊTU

**(57) Abstract:**

**(EN):** A white inkjet ink composition, inkjet ink coating method, and resulting jet ink coated article are all predicated upon the white inkjet ink composition which includes a particulate pigment material, a resin composition, and a solvent composition. Upon thermal cure, the uncured resin composition forms a cured resin composition that adheres to substrates such as but not limited to glass substrates, glass-ceramic substrates, ceramic substrates, metal oxide substrates, metal substrates, and polymeric substrates.

**(FR):** L'invention concerne une composition d'encre pour jet d'encre blanche, ainsi qu'un procédé de revêtement avec de l'encre pour jet d'encre et un article revêtu d'encre pour jet d'encre ainsi obtenu associés à la composition d'encre pour jet d'encre blanche qui comprend un matériau pigmentaire particulière, une composition de résine et une composition de solvant. Après durcissement thermique, la composition de résine non durcie forme une composition de résine durcie qui adhère à des substrats tels que, mais sans caractère limitatif, les substrats en verre, les substrats en vitrocéramique, les substrats en céramique, les substrats en oxyde métallique, les substrats métalliques et les substrats polymères.

**International search report:**

Received at International Bureau: 24 September 2018 (24.09.2018) [EP]

**International Report on Patentability (IPRP) Chapter II of the PCT:**

Not available

**(81) Designated States:**

AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP,

KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

European Patent Office (EPO) : AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR

African Intellectual Property Organization (OAPI) : BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG

African Regional Intellectual Property Organization (ARIPO) : BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

Eurasian Patent Organization (EAPO) : AM, AZ, BY, KG, KZ, RU, TJ, TM